

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number
WO 2005/047628 A1

(51) International Patent Classification⁷: E05B 47/00,
65/32, E05C 3/12

(21) International Application Number:
PCT/CA2004/001958

(22) International Filing Date:
15 November 2004 (15.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/519,499 13 November 2003 (13.11.2003) US

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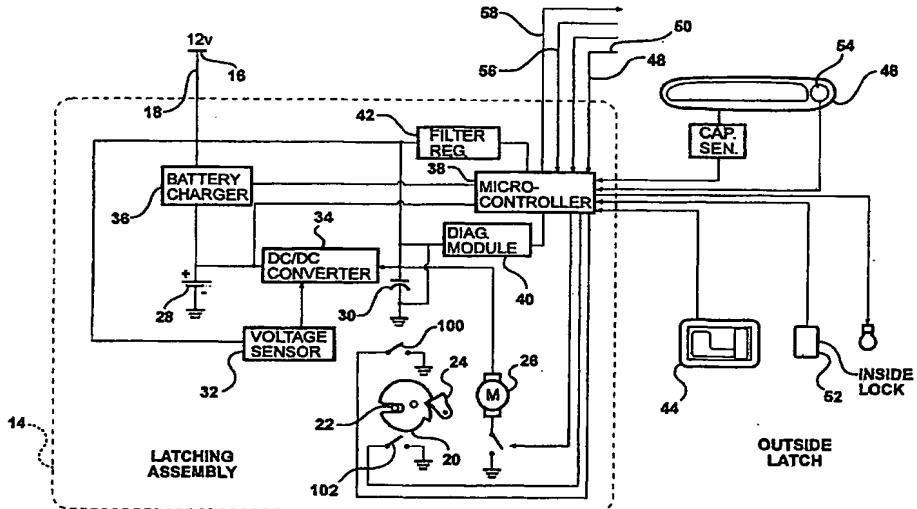
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: E-LATCH WITH MICROCONTROLLER ONBOARD LATCH AND INTEGRATED BACKUP ENERGY



(57) Abstract: A latching assembly is used on a door of a motor vehicle, wherein the motor vehicle includes a main electric supply and a striker. The latching assembly includes a ratchet that is selectively rotatable with respect to the striker to latch and unlatch the door. The latching assembly includes a pawl that is selectively engagable with the ratchet to selectively prevent the ratchet from rotating. The latching assembly includes a motor which is electrically connected to the main electric power supply. The motor is operatively connected to the pawl for pivoting the pawl into and out of engagement with the ratchet. The latching assembly also includes a backup battery disposed adjacent the motor for supplying electric power when the motor is disconnected from the main electric supply.

WO 2005/047628 A1



Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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